



# KT-1 Key Chain Token

The KT-1 Key Chain token is CRYPTOCard's most popular token, it combines simplicity, durability and attractive styling. The KT-1 is the ideal token for users of any skill level. Users particularly enjoy the tokens ease-of-use, attractive metal styling and the fact that it never expires.



## Maximum Flexibility

The KT-1 is an event-based token which generates a new one-time password each time the token is activated. The token is activated by pressing the button beside the LCD display.

## Token Initialization and Programming

The ability to initialize tokens provides you with the highest degree of control over your security policy and authentication mechanism.

KT-1 tokens can be initialized with a new seed key using the optional KT-1 initializer connected to the CRYPTO-Server. The token can also be reprogrammed to modify password complexity, encryption algorithms and other attributes.

Alternatively, deployment-ready preprogrammed KT-1 tokens can be ordered from CRYPTOCard.

## Replaceable Batteries

Unlike competitors' tokens which must be replaced every few years, KT-1 tokens are powered by two replaceable coin-cell

batteries, which typically provide 5 to 6 years of service. Batteries may be replaced, in-service, as required to extend the service life of the token. A low battery warning appears on the LCD display approximately two months before the batteries are exhausted.

## Authentication Modes

- Event synchronous
- Challenge/Response

## Encryption Algorithms

- DES
- 3DES
- AES 128-bit, 192-bit, 256-bit

## Passcode Complexity

- 5, 6, 7, or 8 characters
- Numeric (0-9)
- Hexadecimal (0-9, A-F)
- Base 32 (0-9, Aa-Zz)
- Base 64 (0-9, Aa-Zz, Shift+ 0-9)

## Features & Benefits

- Platform Independent
- User Replaceable Batteries.
- Tokens never expire - no repurchase necessary.
- Tokens can be resynchronized with the server locally without administrator support.
- Seed Keys not shared.

## PIN Management

- Token-based PIN
- Server-side PIN
- “No PIN” option
- PIN complexity (numeric, alphanumeric, strong alphanumeric)
- Configurable minimum PIN length
- Disallow trivial PINs (1234, 1111, ABCD)
- Maximum number of consecutive incorrect PIN attempts

## Key Management

- Seed keys do not need to be shared with the manufacturer
- Initialization process eliminates need to deliver tokens with keys stored on disk or in e-mail
- Seed keys can be changed at any time
- Key length selection
- Revoked tokens can be re-keyed before redeployment
- Key is randomized with each initialization

## Dimensions

- Length: 65.6 mm (2.6”)
- Width: 35.6 mm (1.4”)
- Depth: 9.0 mm (0.4”)

## Weight

- 30 g (1 oz)

## Warranty

- KT-1 tokens: 5 years
- KT-1 token initializer: 1 year

## Miscellaneous

- Configurable automatic shutoff (30, 60, 90 seconds)
- Tokens can be resynchronized with the server locally without reinitialization or administrator support
- LCD contrast adjustment
- LCD pixel test feature



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